

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: NEO-RAY

Report Number: P333400-930

Luminaire Tested: **S125DIW-S850D470U930-4F0-1E-UDD-A**

Issue Date: 3/3/2020

**Test Information**

Test Method: LM-79-08  
Report Number: P333400-930  
REPORT IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-1807-864-7,  
Test Lab: INNOVATION CENTER  
Issue Date: 3/3/2020  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: NEO-RAY  
Catalog Number: S125DIW-S850D470U930-4F0-1E-UDD-A  
Description: DEFINE 5 DIRECT-INDIRECT WALL MOUNT LED LUMINAIRE  
DOWNLIGHT 850 LUMENS PER FOOT, ASYMMETRIC DIFFUSER  
UPLIGHT 470 LUMENS PER FOOT, NO LENS  
Light Source: -  
Ballast/Driver: ELECTRONIC DRIVER

**Summary**

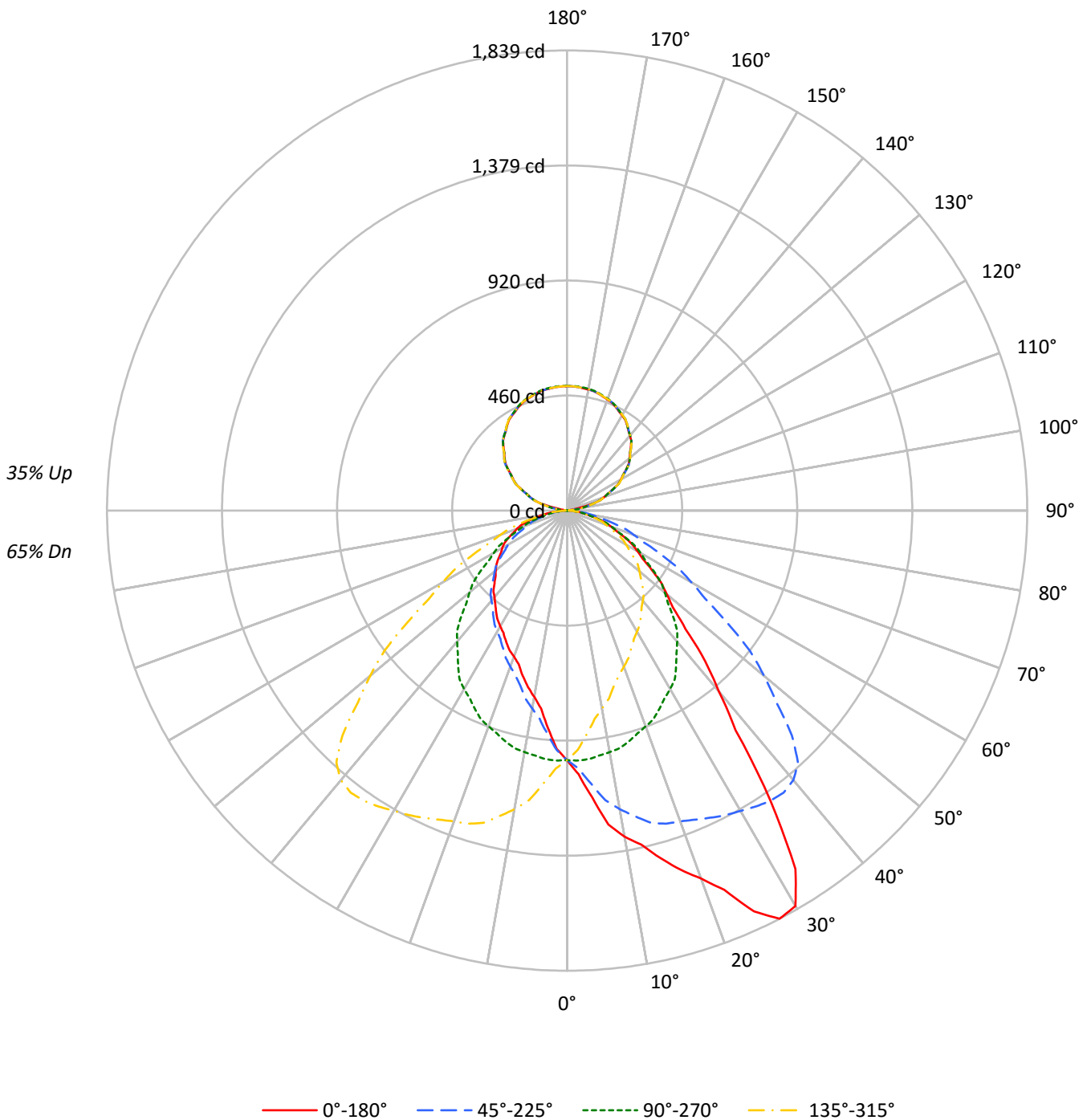
Lumens per Lamp: N/A  
Luminaire Lumens: 4343.4 lumens  
Efficiency: N/A  
Efficacy: 115.2 lumens/watt  
Spacing Criteria (0/90/45): 1.43 / 1.23 / 1.52  
Luminous Opening: Rectangular (W 4' x L: 0.42' x H: 0')  
CIE Type: Semi-Direct  
  
Input Watts (W): 37.7  
Input Voltage (V): 120  
Input Current (Ain): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

### Luminous Intensity Polar Plot





TEST NUMBER: P333400-930

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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

|     |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|
| RF  | 20  |     |     |     | 20  |     |     |     | 20 |    |    |    | 20 |    |    |    | 20 |    |
| RC  | 80  |     |     |     | 70  |     |     |     | 50 |    |    |    | 30 |    |    |    | 10 | 0  |
| RW  | 70  | 50  | 30  | 10  | 70  | 50  | 30  | 10  | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0  |
| RCR |     |     |     |     |     |     |     |     |    |    |    |    |    |    |    |    |    |    |
| 0   | 111 | 111 | 111 | 111 | 104 | 104 | 104 | 104 | 92 | 92 | 92 | 80 | 80 | 80 | 70 | 70 | 70 | 65 |
| 1   | 101 | 97  | 93  | 90  | 95  | 91  | 88  | 85  | 81 | 78 | 76 | 71 | 69 | 68 | 62 | 61 | 60 | 55 |
| 2   | 93  | 85  | 79  | 74  | 87  | 80  | 75  | 70  | 71 | 67 | 63 | 63 | 60 | 57 | 55 | 53 | 51 | 47 |
| 3   | 85  | 75  | 68  | 62  | 79  | 71  | 64  | 59  | 63 | 58 | 54 | 56 | 52 | 48 | 49 | 46 | 43 | 40 |
| 4   | 78  | 67  | 59  | 53  | 73  | 63  | 56  | 50  | 56 | 50 | 46 | 50 | 45 | 42 | 44 | 40 | 37 | 34 |
| 5   | 71  | 60  | 51  | 45  | 67  | 56  | 49  | 43  | 50 | 44 | 40 | 45 | 40 | 36 | 40 | 36 | 33 | 30 |
| 6   | 66  | 54  | 45  | 39  | 62  | 51  | 43  | 38  | 45 | 39 | 35 | 41 | 36 | 32 | 36 | 32 | 29 | 26 |
| 7   | 61  | 48  | 40  | 35  | 57  | 46  | 39  | 33  | 41 | 35 | 31 | 37 | 32 | 28 | 33 | 29 | 26 | 23 |
| 8   | 57  | 44  | 36  | 31  | 53  | 42  | 35  | 30  | 38 | 32 | 27 | 34 | 29 | 25 | 30 | 26 | 23 | 21 |
| 9   | 53  | 40  | 33  | 27  | 50  | 38  | 31  | 27  | 35 | 29 | 25 | 31 | 26 | 23 | 28 | 24 | 21 | 19 |
| 10  | 49  | 37  | 30  | 25  | 46  | 35  | 28  | 24  | 32 | 26 | 22 | 29 | 24 | 21 | 26 | 22 | 19 | 17 |

**AVERAGE LUMINANCE (cd/sqm):**

|     | 0°    | 90°  | 180° | 270° |
|-----|-------|------|------|------|
| 0°  | 6442  | 6442 | 6442 | 6442 |
| 5°  | 7459  | 6463 | 5659 | 6463 |
| 10° | 8679  | 6430 | 4958 | 6430 |
| 15° | 9607  | 6383 | 4574 | 6383 |
| 20° | 10754 | 6308 | 4265 | 6308 |
| 25° | 12598 | 6223 | 4115 | 6223 |
| 30° | 13607 | 6141 | 3985 | 6141 |
| 35° | 11188 | 5984 | 3899 | 5984 |
| 40° | 7952  | 5767 | 3805 | 5767 |
| 45° | 6109  | 5476 | 3751 | 5476 |
| 50° | 5215  | 5112 | 3743 | 5112 |
| 55° | 4644  | 4757 | 3775 | 4757 |
| 60° | 4188  | 4370 | 3871 | 4370 |
| 65° | 3869  | 3978 | 3972 | 3978 |
| 70° | 3518  | 3573 | 4030 | 3573 |
| 75° | 3107  | 3147 | 3992 | 3147 |
| 80° | 2615  | 2566 | 3652 | 2566 |
| 85° | 2075  | 1845 | 2949 | 1845 |



TEST NUMBER: P333400-930

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**ZONAL LUMENS:**

| Zone      | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10°    | 96.0   | 2.2       |
| 10°-20°   | 285.9  | 6.6       |
| 20°-30°   | 464.2  | 10.7      |
| 30°-40°   | 566.3  | 13.0      |
| 40°-50°   | 515.1  | 11.9      |
| 50°-60°   | 410.3  | 9.4       |
| 60°-70°   | 285.8  | 6.6       |
| 70°-80°   | 152.4  | 3.5       |
| 80°-90°   | 39.5   | 0.9       |
| 90°-100°  | 18.1   | 0.4       |
| 100°-110° | 111.4  | 2.6       |
| 110°-120° | 202.1  | 4.7       |
| 120°-130° | 259.4  | 6.0       |
| 130°-140° | 279.0  | 6.4       |
| 140°-150° | 261.9  | 6.0       |
| 150°-160° | 211.8  | 4.9       |
| 160°-170° | 137.0  | 3.2       |
| 170°-180° | 47.3   | 1.1       |
| 0°-30°    | 846.1  | 19.5      |
| 0°-40°    | 1412.4 | 32.5      |
| 0°-60°    | 2337.8 | 53.8      |
| 0°-90°    | 2815.5 | 64.8      |
| 90°-120°  | 331.6  | 7.6       |
| 90°-150°  | 1131.8 | 26.1      |
| 90°-180°  | 1528.0 | 35.2      |
| 0°-180°   | 4343.4 | 100.0     |

**CANDELA DISTRIBUTION:**

|      | 0°   | 90° | 180° | 270° | 360° | Flux |
|------|------|-----|------|------|------|------|
| 0°   | 997  | 997 | 997  | 997  | 997  |      |
| 5°   | 1151 | 997 | 873  | 997  | 1151 | 116  |
| 15°  | 1437 | 955 | 684  | 955  | 1437 | 411  |
| 25°  | 1768 | 873 | 578  | 873  | 1768 | 807  |
| 35°  | 1419 | 759 | 494  | 759  | 1419 | 868  |
| 45°  | 669  | 600 | 411  | 600  | 669  | 535  |
| 55°  | 412  | 422 | 335  | 422  | 412  | 371  |
| 65°  | 253  | 260 | 260  | 260  | 253  | 251  |
| 75°  | 124  | 126 | 160  | 126  | 124  | 134  |
| 85°  | 28   | 25  | 40   | 25   | 28   | 32   |
| 90°  | 9    | 0   | 9    | 0    | 9    | 5    |
| 95°  | 8    | 21  | 8    | 21   | 8    | 6    |
| 105° | 110  | 108 | 110  | 108  | 110  | 99   |
| 115° | 202  | 204 | 202  | 204  | 202  | 201  |
| 125° | 290  | 290 | 290  | 290  | 290  | 258  |
| 135° | 360  | 361 | 360  | 361  | 360  | 278  |
| 145° | 418  | 419 | 418  | 419  | 418  | 261  |
| 155° | 458  | 461 | 458  | 461  | 458  | 211  |
| 165° | 484  | 486 | 484  | 486  | 484  | 137  |
| 175° | 495  | 498 | 495  | 498  | 495  | 47   |
| 180° | 498  | 498 | 498  | 498  | 498  |      |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (FULL):**

|        | 0°     | 5°     | 10°    | 15°    | 20°    | 25°    | 30°    | 35°    | 40°    | 45°    | 50°    |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  |
| 2.5°   | 1055.0 | 1053.6 | 1052.3 | 1049.5 | 1051.6 | 1045.9 | 1043.1 | 1038.4 | 1032.7 | 1030.6 | 1028.3 |
| 5°     | 1150.6 | 1152.8 | 1154.9 | 1146.0 | 1146.9 | 1140.9 | 1127.4 | 1116.4 | 1107.5 | 1096.1 | 1088.0 |
| 7.5°   | 1265.8 | 1260.8 | 1260.4 | 1254.7 | 1244.7 | 1236.8 | 1222.5 | 1204.4 | 1186.9 | 1166.9 | 1150.4 |
| 10°    | 1323.4 | 1323.8 | 1320.0 | 1313.2 | 1302.7 | 1295.0 | 1276.4 | 1258.6 | 1237.1 | 1211.6 | 1193.4 |
| 12.5°  | 1366.8 | 1368.5 | 1363.7 | 1354.5 | 1349.4 | 1332.3 | 1317.7 | 1296.6 | 1270.9 | 1250.6 | 1222.9 |
| 15°    | 1436.9 | 1432.2 | 1428.8 | 1417.4 | 1408.5 | 1390.7 | 1367.4 | 1345.4 | 1317.4 | 1291.6 | 1265.8 |
| 17.5°  | 1504.4 | 1508.1 | 1501.8 | 1491.3 | 1463.8 | 1443.0 | 1411.8 | 1381.6 | 1346.9 | 1312.2 | 1281.4 |
| 20°    | 1564.7 | 1568.1 | 1558.4 | 1540.2 | 1507.2 | 1486.4 | 1445.3 | 1406.4 | 1366.1 | 1321.7 | 1287.8 |
| 22.5°  | 1639.9 | 1637.2 | 1624.1 | 1596.4 | 1567.7 | 1529.4 | 1484.9 | 1437.5 | 1387.2 | 1336.9 | 1291.9 |
| 25°    | 1767.9 | 1750.1 | 1742.1 | 1707.8 | 1670.1 | 1613.8 | 1552.8 | 1483.4 | 1420.7 | 1354.3 | 1296.7 |
| 27.5°  | 1838.8 | 1833.3 | 1824.3 | 1800.4 | 1760.8 | 1700.6 | 1628.7 | 1544.1 | 1455.7 | 1371.8 | 1296.5 |
| 30°    | 1824.6 | 1825.5 | 1826.4 | 1818.7 | 1793.3 | 1748.0 | 1676.5 | 1585.4 | 1480.4 | 1386.0 | 1298.9 |
| 32.5°  | 1698.7 | 1714.1 | 1728.8 | 1746.2 | 1753.3 | 1744.7 | 1699.8 | 1617.6 | 1509.6 | 1402.3 | 1297.5 |
| 35°    | 1419.0 | 1423.8 | 1471.5 | 1519.0 | 1583.3 | 1633.3 | 1666.7 | 1630.4 | 1539.3 | 1416.1 | 1295.8 |
| 37.5°  | 1106.4 | 1129.4 | 1162.5 | 1216.0 | 1308.9 | 1392.0 | 1499.0 | 1548.2 | 1518.8 | 1420.6 | 1292.9 |
| 40°    | 943.2  | 964.4  | 985.9  | 1040.6 | 1118.9 | 1219.7 | 1341.2 | 1444.9 | 1469.0 | 1406.4 | 1282.7 |
| 42.5°  | 817.3  | 834.0  | 857.9  | 899.0  | 964.5  | 1053.7 | 1169.8 | 1305.4 | 1388.8 | 1365.1 | 1261.4 |
| 45°    | 668.9  | 679.5  | 698.1  | 730.7  | 778.1  | 848.0  | 950.4  | 1098.6 | 1227.7 | 1270.5 | 1210.8 |
| 47.5°  | 572.5  | 572.4  | 586.9  | 609.4  | 643.7  | 703.0  | 778.8  | 894.9  | 1032.8 | 1134.8 | 1130.1 |
| 50°    | 519.0  | 516.9  | 528.3  | 547.8  | 574.9  | 614.2  | 686.6  | 779.3  | 911.9  | 1027.4 | 1059.6 |
| 52.5°  | 473.0  | 473.2  | 480.2  | 494.6  | 517.3  | 551.0  | 605.0  | 688.6  | 801.8  | 920.5  | 981.0  |
| 55°    | 412.4  | 410.7  | 418.7  | 428.4  | 444.9  | 466.9  | 505.9  | 569.8  | 661.7  | 778.5  | 857.3  |
| 57.5°  | 356.8  | 361.4  | 364.7  | 371.5  | 385.1  | 399.9  | 432.8  | 479.6  | 552.5  | 652.8  | 736.1  |
| 60°    | 324.2  | 329.0  | 331.5  | 338.3  | 349.3  | 362.0  | 387.3  | 425.5  | 486.8  | 573.2  | 655.7  |
| 62.5°  | 295.1  | 298.8  | 299.6  | 305.7  | 314.7  | 327.1  | 347.1  | 379.0  | 427.5  | 503.1  | 584.0  |
| 65°    | 253.2  | 253.2  | 254.9  | 261.2  | 265.5  | 276.5  | 291.7  | 315.0  | 353.9  | 412.8  | 481.8  |
| 67.5°  | 212.7  | 214.7  | 214.3  | 217.1  | 221.0  | 229.5  | 240.4  | 259.7  | 288.5  | 331.5  | 386.7  |
| 70°    | 186.3  | 187.9  | 187.5  | 189.6  | 193.9  | 199.4  | 208.3  | 226.5  | 247.2  | 284.1  | 331.5  |
| 72.5°  | 162.6  | 163.2  | 162.2  | 164.9  | 167.5  | 172.3  | 182.2  | 191.9  | 211.3  | 242.4  | 281.4  |
| 75°    | 124.5  | 125.3  | 126.1  | 127.8  | 130.4  | 132.9  | 138.0  | 147.7  | 160.5  | 183.8  | 208.7  |
| 77.5°  | 93.3   | 91.7   | 93.8   | 93.5   | 94.9   | 96.9   | 101.3  | 106.5  | 116.9  | 131.7  | 151.0  |
| 80°    | 70.3   | 70.7   | 70.7   | 71.1   | 73.2   | 74.5   | 78.4   | 82.1   | 90.2   | 101.2  | 114.7  |
| 82.5°  | 51.3   | 52.4   | 51.8   | 52.5   | 54.3   | 55.2   | 57.3   | 60.4   | 65.1   | 73.8   | 83.6   |
| 85°    | 28.0   | 25.8   | 26.7   | 27.6   | 27.6   | 28.0   | 29.6   | 30.9   | 33.4   | 36.9   | 40.6   |
| 87.5°  | 9.9    | 10.5   | 10.8   | 10.8   | 11.1   | 11.0   | 12.2   | 12.1   | 13.1   | 14.0   | 15.3   |
| 90°    | 8.9    | 8.6    | 8.4    | 8.2    | 7.9    | 7.5    | 7.1    | 6.7    | 6.3    | 5.9    | 5.3    |
| 92.5°  | 8.2    | 8.2    | 8.1    | 7.9    | 7.8    | 7.5    | 7.1    | 6.7    | 6.3    | 5.9    | 5.4    |
| 95°    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    | 7.5    | 7.1    | 6.7    | 6.3    | 5.9    | 9.0    |
| 97.5°  | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    | 8.9    | 11.3   | 13.5   | 15.8   | 18.2   | 24.3   |
| 100°   | 7.7    | 8.1    | 8.4    | 8.7    | 9.0    | 15.3   | 27.6   | 39.8   | 51.9   | 64.2   | 63.8   |
| 102.5° | 46.4   | 51.9   | 57.6   | 63.1   | 68.7   | 72.6   | 74.9   | 77.3   | 79.6   | 81.9   | 81.7   |
| 105°   | 109.6  | 109.7  | 109.7  | 109.8  | 109.9  | 109.9  | 109.9  | 109.9  | 109.9  | 109.9  | 109.9  |
| 107.5° | 138.1  | 138.4  | 138.6  | 138.8  | 139.1  | 139.2  | 139.2  | 139.2  | 139.2  | 139.1  | 138.9  |
| 110°   | 157.8  | 157.8  | 157.7  | 157.6  | 157.5  | 157.6  | 157.8  | 158.1  | 158.3  | 158.6  | 158.4  |



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CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 0°    | 5°    | 10°   | 15°   | 20°   | 25°   | 30°   | 35°   | 40°   | 45°   | 50°   |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.5 | 175.7 | 175.8 | 175.9 | 176.0 | 176.3 | 176.5 | 176.8 | 177.2 | 177.5 | 177.4 |
| 115°   | 202.1 | 202.6 | 203.1 | 203.6 | 204.1 | 204.5 | 204.8 | 205.1 | 205.5 | 205.8 | 205.7 |
| 117.5° | 230.5 | 230.6 | 230.9 | 231.1 | 231.3 | 231.6 | 232.0 | 232.4 | 232.9 | 233.3 | 233.0 |
| 120°   | 247.9 | 248.3 | 248.7 | 249.1 | 249.5 | 249.8 | 250.0 | 250.1 | 250.3 | 250.5 | 250.2 |
| 122.5° | 264.4 | 264.9 | 265.3 | 265.8 | 266.3 | 266.6 | 266.8 | 266.9 | 267.1 | 267.3 | 267.2 |
| 125°   | 289.5 | 289.8 | 290.0 | 290.2 | 290.5 | 290.8 | 291.1 | 291.5 | 291.8 | 292.1 | 292.1 |
| 127.5° | 310.7 | 311.3 | 311.9 | 312.5 | 313.2 | 313.6 | 313.7 | 313.9 | 314.1 | 314.2 | 314.3 |
| 130°   | 326.0 | 326.4 | 326.9 | 327.3 | 327.7 | 328.0 | 328.2 | 328.5 | 328.7 | 329.0 | 328.9 |
| 132.5° | 340.2 | 340.6 | 341.0 | 341.4 | 341.9 | 342.1 | 342.1 | 342.2 | 342.3 | 342.3 | 342.4 |
| 135°   | 359.6 | 360.1 | 360.6 | 361.1 | 361.6 | 361.9 | 362.1 | 362.2 | 362.4 | 362.6 | 362.7 |
| 137.5° | 379.1 | 379.5 | 379.9 | 380.3 | 380.8 | 381.0 | 381.0 | 380.9 | 380.9 | 380.8 | 381.0 |
| 140°   | 390.6 | 391.1 | 391.6 | 392.1 | 392.6 | 392.7 | 392.6 | 392.4 | 392.2 | 392.1 | 392.2 |
| 142.5° | 401.5 | 402.0 | 402.5 | 403.0 | 403.5 | 403.7 | 403.7 | 403.7 | 403.6 | 403.6 | 403.5 |
| 145°   | 417.5 | 418.0 | 418.5 | 419.0 | 419.5 | 419.7 | 419.6 | 419.6 | 419.5 | 419.4 | 419.4 |
| 147.5° | 430.7 | 431.3 | 431.9 | 432.5 | 433.1 | 433.3 | 433.3 | 433.2 | 433.0 | 432.9 | 432.8 |
| 150°   | 439.3 | 439.9 | 440.6 | 441.2 | 441.9 | 442.1 | 442.0 | 441.8 | 441.6 | 441.5 | 441.3 |
| 152.5° | 447.3 | 447.8 | 448.4 | 449.0 | 449.6 | 449.8 | 449.6 | 449.5 | 449.3 | 449.1 | 449.0 |
| 155°   | 457.7 | 458.4 | 459.0 | 459.7 | 460.3 | 460.6 | 460.3 | 460.1 | 459.8 | 459.6 | 459.4 |
| 157.5° | 466.5 | 467.2 | 467.8 | 468.5 | 469.1 | 469.3 | 469.0 | 468.8 | 468.6 | 468.3 | 468.2 |
| 160°   | 472.1 | 472.8 | 473.4 | 474.1 | 474.7 | 474.9 | 474.6 | 474.3 | 473.9 | 473.6 | 473.5 |
| 162.5° | 477.1 | 477.8 | 478.6 | 479.3 | 480.0 | 480.1 | 479.7 | 479.2 | 478.7 | 478.3 | 478.3 |
| 165°   | 483.9 | 484.5 | 485.2 | 485.9 | 486.6 | 486.7 | 486.2 | 485.7 | 485.1 | 484.6 | 484.5 |
| 167.5° | 488.6 | 489.3 | 490.1 | 490.8 | 491.6 | 491.6 | 491.1 | 490.5 | 489.9 | 489.3 | 489.2 |
| 170°   | 491.3 | 492.0 | 492.8 | 493.5 | 494.2 | 494.3 | 493.7 | 492.9 | 492.3 | 491.6 | 491.5 |
| 172.5° | 493.1 | 493.8 | 494.6 | 495.3 | 496.0 | 496.1 | 495.5 | 494.9 | 494.3 | 493.7 | 493.6 |
| 175°   | 495.4 | 496.1 | 496.8 | 497.6 | 498.3 | 498.3 | 497.7 | 497.0 | 496.4 | 495.7 | 495.6 |
| 177.5° | 496.7 | 497.2 | 497.7 | 498.2 | 498.8 | 498.8 | 498.3 | 497.9 | 497.4 | 497.0 | 496.9 |
| 180°   | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°    | 60°    | 65°    | 70°    | 75°    | 80°    | 85°    | 90°   | 95°   | 100°  | 105°  |
|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|
| 0°     | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5°   | 1026.2 | 1023.9 | 1021.1 | 1016.4 | 1010.6 | 1007.5 | 1002.8 | 999.8 | 993.7 | 988.6 | 983.2 |
| 5°     | 1078.2 | 1067.2 | 1057.1 | 1044.0 | 1029.6 | 1020.3 | 1009.3 | 996.9 | 984.3 | 971.2 | 956.8 |
| 7.5°   | 1132.2 | 1112.7 | 1091.5 | 1068.8 | 1046.5 | 1026.1 | 1006.5 | 987.2 | 969.3 | 947.6 | 929.3 |
| 10°    | 1168.4 | 1143.9 | 1117.6 | 1086.7 | 1056.7 | 1030.5 | 1003.8 | 980.5 | 956.8 | 931.4 | 908.9 |
| 12.5°  | 1204.7 | 1172.0 | 1134.9 | 1101.0 | 1064.8 | 1033.1 | 1001.8 | 972.0 | 942.2 | 914.1 | 887.9 |
| 15°    | 1230.3 | 1201.4 | 1167.2 | 1118.9 | 1078.2 | 1034.7 | 993.2  | 954.6 | 918.7 | 887.4 | 854.4 |
| 17.5°  | 1247.1 | 1210.0 | 1173.2 | 1126.9 | 1073.6 | 1024.8 | 977.9  | 933.8 | 893.2 | 853.5 | 821.7 |
| 20°    | 1250.2 | 1212.0 | 1173.5 | 1128.2 | 1073.6 | 1017.7 | 970.8  | 917.8 | 874.2 | 833.2 | 794.2 |
| 22.5°  | 1249.1 | 1206.0 | 1164.0 | 1117.4 | 1064.1 | 1012.7 | 955.9  | 901.9 | 854.6 | 814.2 | 773.6 |
| 25°    | 1239.6 | 1193.4 | 1140.9 | 1094.0 | 1041.5 | 986.8  | 929.3  | 873.3 | 825.1 | 778.9 | 738.7 |
| 27.5°  | 1231.6 | 1171.7 | 1112.3 | 1057.5 | 1006.8 | 956.8  | 901.6  | 844.4 | 790.9 | 744.1 | 706.2 |
| 30°    | 1221.8 | 1156.2 | 1089.2 | 1032.1 | 980.1  | 931.4  | 879.3  | 823.5 | 767.5 | 721.8 | 681.2 |
| 32.5°  | 1213.0 | 1136.5 | 1065.9 | 1003.7 | 948.5  | 901.2  | 853.2  | 800.1 | 745.2 | 698.8 | 658.1 |
| 35°    | 1196.0 | 1107.5 | 1026.6 | 956.3  | 897.5  | 848.8  | 808.6  | 759.0 | 708.7 | 663.8 | 624.8 |
| 37.5°  | 1174.4 | 1069.3 | 982.6  | 908.9  | 844.4  | 793.1  | 755.7  | 717.6 | 669.3 | 626.1 | 590.8 |
| 40°    | 1157.4 | 1042.3 | 950.4  | 875.1  | 808.2  | 754.8  | 720.2  | 684.1 | 643.9 | 603.7 | 566.5 |
| 42.5°  | 1136.1 | 1017.9 | 917.9  | 836.8  | 770.5  | 718.6  | 682.2  | 651.6 | 616.1 | 578.6 | 544.0 |
| 45°    | 1096.9 | 973.7  | 865.4  | 778.1  | 711.2  | 660.0  | 622.3  | 599.5 | 572.8 | 537.2 | 508.0 |
| 47.5°  | 1039.3 | 920.6  | 808.5  | 718.5  | 649.5  | 602.0  | 566.7  | 544.8 | 525.9 | 499.5 | 473.0 |
| 50°    | 988.1  | 881.0  | 767.5  | 678.2  | 609.2  | 561.3  | 528.8  | 508.8 | 492.8 | 472.5 | 450.0 |
| 52.5°  | 930.8  | 831.2  | 727.2  | 639.0  | 570.6  | 523.4  | 491.5  | 474.0 | 460.6 | 446.1 | 424.0 |
| 55°    | 839.9  | 755.3  | 658.8  | 574.9  | 511.8  | 465.7  | 437.7  | 422.5 | 411.5 | 400.5 | 386.9 |
| 57.5°  | 739.7  | 673.5  | 588.0  | 511.4  | 453.3  | 411.3  | 385.2  | 370.4 | 361.9 | 356.2 | 348.2 |
| 60°    | 669.3  | 612.6  | 538.9  | 469.0  | 412.4  | 375.1  | 349.7  | 338.3 | 331.1 | 326.4 | 320.5 |
| 62.5°  | 604.0  | 557.4  | 489.1  | 425.3  | 375.8  | 340.6  | 317.9  | 306.8 | 299.9 | 297.6 | 292.7 |
| 65°    | 507.6  | 471.7  | 415.3  | 362.4  | 320.1  | 290.0  | 270.9  | 260.3 | 256.1 | 253.6 | 254.0 |
| 67.5°  | 412.7  | 390.8  | 345.5  | 300.4  | 266.6  | 241.4  | 226.2  | 218.0 | 215.9 | 212.5 | 212.5 |
| 70°    | 354.7  | 338.3  | 300.2  | 260.8  | 230.7  | 211.2  | 197.7  | 189.2 | 187.1 | 185.4 | 185.0 |
| 72.5°  | 303.6  | 289.2  | 256.1  | 224.5  | 197.5  | 180.4  | 169.3  | 164.2 | 160.7 | 159.7 | 159.6 |
| 75°    | 228.2  | 220.1  | 193.9  | 168.9  | 150.3  | 138.4  | 130.9  | 126.1 | 123.6 | 123.2 | 123.6 |
| 77.5°  | 162.2  | 155.2  | 138.5  | 120.8  | 109.1  | 100.1  | 93.7   | 92.0  | 89.2  | 89.3  | 88.8  |
| 80°    | 121.9  | 117.2  | 106.7  | 92.7   | 83.0   | 75.3   | 72.0   | 69.0  | 68.2  | 66.9  | 68.2  |
| 82.5°  | 88.4   | 83.4   | 76.2   | 67.3   | 59.3   | 54.7   | 51.3   | 50.4  | 49.9  | 49.2  | 49.6  |
| 85°    | 43.6   | 44.0   | 39.8   | 33.0   | 29.6   | 27.1   | 24.9   | 24.9  | 24.5  | 24.1  | 24.5  |
| 87.5°  | 15.8   | 15.1   | 13.6   | 12.5   | 10.6   | 9.5    | 9.0    | 9.2   | 8.3   | 8.2   | 8.6   |
| 90°    | 4.7    | 4.2    | 3.6    | 3.0    | 2.4    | 1.7    | 1.1    | 0.4   | 1.1   | 1.7   | 2.4   |
| 92.5°  | 4.9    | 4.4    | 3.8    | 3.8    | 4.3    | 4.7    | 5.2    | 5.7   | 5.2   | 4.7   | 4.3   |
| 95°    | 12.1   | 15.2   | 18.3   | 20.1   | 20.3   | 20.5   | 20.8   | 21.0  | 20.8  | 20.5  | 20.3  |
| 97.5°  | 30.5   | 36.6   | 42.8   | 45.7   | 45.2   | 44.8   | 44.4   | 43.9  | 44.4  | 44.8  | 45.2  |
| 100°   | 63.5   | 63.2   | 62.9   | 62.6   | 62.4   | 62.1   | 61.9   | 61.6  | 61.9  | 62.1  | 62.4  |
| 102.5° | 81.4   | 81.3   | 81.1   | 80.9   | 80.6   | 80.2   | 79.9   | 79.6  | 79.9  | 80.2  | 80.6  |
| 105°   | 109.9  | 109.9  | 109.9  | 109.7  | 109.4  | 109.1  | 108.8  | 108.4 | 108.8 | 109.1 | 109.4 |
| 107.5° | 138.8  | 138.6  | 138.4  | 138.4  | 138.4  | 138.4  | 138.4  | 138.4 | 138.4 | 138.4 | 138.4 |
| 110°   | 158.2  | 158.1  | 157.9  | 157.8  | 157.8  | 157.8  | 157.8  | 157.8 | 157.8 | 157.8 | 157.8 |





TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 55°   | 60°   | 65°   | 70°   | 75°   | 80°   | 85°   | 90°   | 95°   | 100°  | 105°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 177.3 | 177.2 | 177.1 | 176.9 | 176.8 | 176.5 | 176.3 | 176.2 | 176.3 | 176.5 | 176.8 |
| 115°   | 205.6 | 205.5 | 205.5 | 205.2 | 204.8 | 204.4 | 204.0 | 203.6 | 204.0 | 204.4 | 204.8 |
| 117.5° | 232.7 | 232.4 | 232.1 | 232.0 | 232.0 | 232.0 | 232.0 | 232.0 | 232.0 | 232.0 | 232.0 |
| 120°   | 250.0 | 249.7 | 249.5 | 249.4 | 249.5 | 249.6 | 249.6 | 249.7 | 249.6 | 249.6 | 249.5 |
| 122.5° | 267.0 | 266.9 | 266.8 | 266.6 | 266.3 | 266.0 | 265.6 | 265.4 | 265.6 | 266.0 | 266.3 |
| 125°   | 292.1 | 292.1 | 292.1 | 291.8 | 291.2 | 290.7 | 290.1 | 289.5 | 290.1 | 290.7 | 291.2 |
| 127.5° | 314.4 | 314.4 | 314.5 | 314.3 | 313.9 | 313.5 | 313.1 | 312.6 | 313.1 | 313.5 | 313.9 |
| 130°   | 328.8 | 328.7 | 328.6 | 328.4 | 328.0 | 327.6 | 327.2 | 326.8 | 327.2 | 327.6 | 328.0 |
| 132.5° | 342.7 | 342.8 | 343.0 | 342.8 | 342.3 | 341.9 | 341.4 | 341.0 | 341.4 | 341.9 | 342.3 |
| 135°   | 362.9 | 363.1 | 363.2 | 363.1 | 362.6 | 362.1 | 361.6 | 361.1 | 361.6 | 362.1 | 362.6 |
| 137.5° | 381.2 | 381.3 | 381.5 | 381.3 | 380.9 | 380.4 | 380.0 | 379.6 | 380.0 | 380.4 | 380.9 |
| 140°   | 392.2 | 392.3 | 392.4 | 392.3 | 392.2 | 392.0 | 391.8 | 391.7 | 391.8 | 392.0 | 392.2 |
| 142.5° | 403.3 | 403.2 | 403.1 | 403.0 | 402.9 | 402.8 | 402.8 | 402.6 | 402.8 | 402.8 | 402.9 |
| 145°   | 419.4 | 419.4 | 419.4 | 419.3 | 419.1 | 419.0 | 418.8 | 418.7 | 418.8 | 419.0 | 419.1 |
| 147.5° | 432.8 | 432.7 | 432.5 | 432.5 | 432.5 | 432.6 | 432.6 | 432.7 | 432.6 | 432.6 | 432.5 |
| 150°   | 441.2 | 441.0 | 440.8 | 440.8 | 441.0 | 441.2 | 441.3 | 441.5 | 441.3 | 441.2 | 441.0 |
| 152.5° | 448.8 | 448.7 | 448.5 | 448.6 | 449.0 | 449.3 | 449.7 | 450.0 | 449.7 | 449.3 | 449.0 |
| 155°   | 459.3 | 459.1 | 458.9 | 459.1 | 459.6 | 460.1 | 460.6 | 461.1 | 460.6 | 460.1 | 459.6 |
| 157.5° | 468.2 | 468.2 | 468.2 | 468.3 | 468.6 | 469.0 | 469.2 | 469.5 | 469.2 | 469.0 | 468.6 |
| 160°   | 473.4 | 473.4 | 473.3 | 473.4 | 473.9 | 474.4 | 474.9 | 475.4 | 474.9 | 474.4 | 473.9 |
| 162.5° | 478.2 | 478.1 | 478.0 | 478.2 | 478.7 | 479.2 | 479.6 | 480.1 | 479.6 | 479.2 | 478.7 |
| 165°   | 484.5 | 484.4 | 484.3 | 484.5 | 485.0 | 485.5 | 486.0 | 486.5 | 486.0 | 485.5 | 485.0 |
| 167.5° | 489.1 | 489.0 | 488.9 | 489.2 | 489.7 | 490.2 | 490.7 | 491.2 | 490.7 | 490.2 | 489.7 |
| 170°   | 491.5 | 491.4 | 491.3 | 491.5 | 492.1 | 492.7 | 493.3 | 493.9 | 493.3 | 492.7 | 492.1 |
| 172.5° | 493.4 | 493.3 | 493.2 | 493.3 | 493.9 | 494.5 | 495.0 | 495.6 | 495.0 | 494.5 | 493.9 |
| 175°   | 495.5 | 495.5 | 495.4 | 495.6 | 496.1 | 496.6 | 497.1 | 497.6 | 497.1 | 496.6 | 496.1 |
| 177.5° | 496.8 | 496.8 | 496.7 | 496.8 | 497.3 | 497.7 | 498.1 | 498.5 | 498.1 | 497.7 | 497.3 |
| 180°   | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5°   | 980.2 | 976.4 | 973.4 | 966.6 | 962.9 | 957.8 | 953.7 | 958.1 | 953.4 | 955.4 | 952.4 |
| 5°     | 949.6 | 937.8 | 929.3 | 917.0 | 906.4 | 896.7 | 889.5 | 888.2 | 884.8 | 883.1 | 878.0 |
| 7.5°   | 912.8 | 898.0 | 883.5 | 867.4 | 853.8 | 840.0 | 831.2 | 823.9 | 819.1 | 812.8 | 808.5 |
| 10°    | 891.1 | 871.2 | 854.4 | 834.9 | 817.9 | 803.1 | 791.2 | 785.3 | 779.8 | 771.8 | 768.8 |
| 12.5°  | 864.4 | 843.8 | 823.1 | 802.3 | 786.1 | 769.6 | 759.4 | 750.4 | 746.7 | 737.5 | 736.6 |
| 15°    | 832.3 | 801.4 | 781.1 | 759.9 | 737.4 | 723.9 | 715.4 | 705.7 | 701.5 | 695.1 | 690.5 |
| 17.5°  | 794.0 | 766.5 | 741.0 | 719.1 | 699.9 | 688.4 | 677.9 | 671.2 | 664.0 | 659.8 | 652.2 |
| 20°    | 766.3 | 740.0 | 714.6 | 691.3 | 676.5 | 663.4 | 654.9 | 648.6 | 641.0 | 638.9 | 631.2 |
| 22.5°  | 742.9 | 714.0 | 689.6 | 670.0 | 653.8 | 639.0 | 629.8 | 625.6 | 620.3 | 613.8 | 612.2 |
| 25°    | 704.9 | 674.8 | 654.1 | 634.6 | 620.2 | 606.7 | 600.3 | 594.8 | 589.7 | 585.1 | 583.3 |
| 27.5°  | 672.1 | 645.1 | 620.5 | 602.9 | 590.4 | 578.0 | 572.4 | 565.7 | 562.1 | 558.3 | 553.8 |
| 30°    | 649.0 | 621.5 | 599.9 | 582.9 | 569.4 | 558.4 | 552.4 | 547.8 | 544.5 | 541.0 | 538.5 |
| 32.5°  | 625.3 | 599.8 | 578.9 | 562.3 | 548.8 | 540.5 | 535.2 | 531.9 | 528.2 | 524.1 | 520.9 |
| 35°    | 593.9 | 566.0 | 545.7 | 531.3 | 520.7 | 514.4 | 508.4 | 505.5 | 501.2 | 501.2 | 497.8 |
| 37.5°  | 558.6 | 534.5 | 516.6 | 503.4 | 494.0 | 488.3 | 481.8 | 479.8 | 477.1 | 475.3 | 474.2 |
| 40°    | 537.7 | 515.2 | 498.3 | 485.2 | 475.0 | 470.3 | 465.3 | 461.9 | 460.2 | 458.0 | 457.2 |
| 42.5°  | 516.0 | 494.6 | 478.3 | 466.2 | 457.4 | 453.4 | 448.7 | 446.3 | 442.9 | 440.1 | 439.6 |
| 45°    | 483.1 | 462.3 | 447.5 | 437.7 | 430.2 | 425.5 | 422.5 | 417.4 | 415.7 | 412.4 | 411.9 |
| 47.5°  | 451.8 | 431.9 | 417.4 | 409.4 | 402.7 | 398.8 | 394.2 | 389.1 | 387.2 | 385.5 | 385.3 |
| 50°    | 428.4 | 410.3 | 396.6 | 389.1 | 382.7 | 377.2 | 372.5 | 369.2 | 367.9 | 367.9 | 368.8 |
| 52.5°  | 404.7 | 389.2 | 377.7 | 368.4 | 362.4 | 356.5 | 352.2 | 350.2 | 348.2 | 350.3 | 351.8 |
| 55°    | 370.0 | 354.3 | 345.8 | 337.0 | 331.1 | 324.2 | 322.2 | 321.3 | 320.1 | 323.4 | 325.1 |
| 57.5°  | 333.3 | 322.3 | 312.3 | 303.5 | 298.2 | 294.3 | 291.5 | 290.9 | 293.3 | 294.9 | 300.4 |
| 60°    | 309.9 | 297.2 | 288.3 | 281.5 | 275.2 | 272.6 | 271.8 | 270.9 | 272.6 | 277.3 | 284.5 |
| 62.5°  | 284.1 | 273.9 | 264.2 | 259.2 | 254.5 | 250.3 | 250.1 | 250.6 | 254.0 | 259.3 | 266.5 |
| 65°    | 246.4 | 237.5 | 231.1 | 225.2 | 221.4 | 218.9 | 219.7 | 221.4 | 225.2 | 232.4 | 240.4 |
| 67.5°  | 208.1 | 201.9 | 196.2 | 191.4 | 187.8 | 187.8 | 188.7 | 191.2 | 195.7 | 204.0 | 211.3 |
| 70°    | 183.3 | 176.5 | 171.9 | 169.7 | 166.8 | 165.1 | 167.6 | 171.9 | 175.7 | 183.3 | 189.6 |
| 72.5°  | 158.6 | 152.9 | 149.2 | 147.7 | 146.5 | 145.1 | 145.9 | 150.5 | 155.7 | 163.3 | 170.7 |
| 75°    | 121.9 | 119.8 | 117.2 | 115.6 | 114.3 | 115.1 | 116.0 | 120.3 | 124.5 | 132.5 | 141.0 |
| 77.5°  | 88.9  | 86.7  | 85.3  | 84.9  | 84.1  | 84.5  | 87.0  | 90.1  | 94.2  | 100.1 | 106.5 |
| 80°    | 67.3  | 66.4  | 65.6  | 65.2  | 65.2  | 65.6  | 69.0  | 71.1  | 74.9  | 80.5  | 85.5  |
| 82.5°  | 49.0  | 48.5  | 48.3  | 48.3  | 48.6  | 48.7  | 50.7  | 53.5  | 56.7  | 60.8  | 65.2  |
| 85°    | 25.8  | 24.9  | 26.3  | 26.7  | 25.8  | 27.1  | 28.0  | 29.6  | 30.9  | 33.0  | 35.1  |
| 87.5°  | 9.0   | 9.9   | 9.6   | 10.1  | 10.2  | 11.0  | 10.8  | 12.1  | 13.0  | 13.7  | 13.5  |
| 90°    | 3.0   | 3.6   | 4.2   | 4.7   | 5.3   | 5.9   | 6.3   | 6.7   | 7.1   | 7.5   | 7.9   |
| 92.5°  | 3.8   | 3.8   | 4.4   | 4.9   | 5.4   | 5.9   | 6.3   | 6.7   | 7.1   | 7.5   | 7.8   |
| 95°    | 20.1  | 18.3  | 15.2  | 12.1  | 9.0   | 5.9   | 6.3   | 6.7   | 7.1   | 7.5   | 7.7   |
| 97.5°  | 45.7  | 42.8  | 36.6  | 30.5  | 24.3  | 18.2  | 15.8  | 13.5  | 11.3  | 8.9   | 7.7   |
| 100°   | 62.6  | 62.9  | 63.2  | 63.5  | 63.8  | 64.2  | 51.9  | 39.8  | 27.6  | 15.3  | 9.0   |
| 102.5° | 80.9  | 81.1  | 81.3  | 81.4  | 81.7  | 81.9  | 79.6  | 77.3  | 74.9  | 72.6  | 68.7  |
| 105°   | 109.7 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 |
| 107.5° | 138.4 | 138.4 | 138.6 | 138.8 | 138.9 | 139.1 | 139.2 | 139.2 | 139.2 | 139.2 | 139.1 |
| 110°   | 157.8 | 157.9 | 158.1 | 158.2 | 158.4 | 158.6 | 158.3 | 158.1 | 157.8 | 157.6 | 157.5 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 110°  | 115°  | 120°  | 125°  | 130°  | 135°  | 140°  | 145°  | 150°  | 155°  | 160°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 176.9 | 177.1 | 177.2 | 177.3 | 177.4 | 177.5 | 177.2 | 176.8 | 176.5 | 176.3 | 176.0 |
| 115°   | 205.2 | 205.5 | 205.5 | 205.6 | 205.7 | 205.8 | 205.5 | 205.1 | 204.8 | 204.5 | 204.1 |
| 117.5° | 232.0 | 232.1 | 232.4 | 232.7 | 233.0 | 233.3 | 232.9 | 232.4 | 232.0 | 231.6 | 231.3 |
| 120°   | 249.4 | 249.5 | 249.7 | 250.0 | 250.2 | 250.5 | 250.3 | 250.1 | 250.0 | 249.8 | 249.5 |
| 122.5° | 266.6 | 266.8 | 266.9 | 267.0 | 267.2 | 267.3 | 267.1 | 266.9 | 266.8 | 266.6 | 266.3 |
| 125°   | 291.8 | 292.1 | 292.1 | 292.1 | 292.1 | 292.1 | 291.8 | 291.5 | 291.1 | 290.8 | 290.5 |
| 127.5° | 314.3 | 314.5 | 314.4 | 314.4 | 314.3 | 314.2 | 314.1 | 313.9 | 313.7 | 313.6 | 313.2 |
| 130°   | 328.4 | 328.6 | 328.7 | 328.8 | 328.9 | 329.0 | 328.7 | 328.5 | 328.2 | 328.0 | 327.7 |
| 132.5° | 342.8 | 343.0 | 342.8 | 342.7 | 342.4 | 342.3 | 342.3 | 342.2 | 342.1 | 342.1 | 341.9 |
| 135°   | 363.1 | 363.2 | 363.1 | 362.9 | 362.7 | 362.6 | 362.4 | 362.2 | 362.1 | 361.9 | 361.6 |
| 137.5° | 381.3 | 381.5 | 381.3 | 381.2 | 381.0 | 380.8 | 380.9 | 380.9 | 381.0 | 381.0 | 380.8 |
| 140°   | 392.3 | 392.4 | 392.3 | 392.2 | 392.2 | 392.1 | 392.2 | 392.4 | 392.6 | 392.7 | 392.6 |
| 142.5° | 403.0 | 403.1 | 403.2 | 403.3 | 403.5 | 403.6 | 403.6 | 403.7 | 403.7 | 403.7 | 403.5 |
| 145°   | 419.3 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 419.5 | 419.6 | 419.6 | 419.7 | 419.5 |
| 147.5° | 432.5 | 432.5 | 432.7 | 432.8 | 432.8 | 432.9 | 433.0 | 433.2 | 433.3 | 433.3 | 433.1 |
| 150°   | 440.8 | 440.8 | 441.0 | 441.2 | 441.3 | 441.5 | 441.6 | 441.8 | 442.0 | 442.1 | 441.9 |
| 152.5° | 448.6 | 448.5 | 448.7 | 448.8 | 449.0 | 449.1 | 449.3 | 449.5 | 449.6 | 449.8 | 449.6 |
| 155°   | 459.1 | 458.9 | 459.1 | 459.3 | 459.4 | 459.6 | 459.8 | 460.1 | 460.3 | 460.6 | 460.3 |
| 157.5° | 468.3 | 468.2 | 468.2 | 468.2 | 468.2 | 468.3 | 468.6 | 468.8 | 469.0 | 469.3 | 469.1 |
| 160°   | 473.4 | 473.3 | 473.4 | 473.4 | 473.5 | 473.6 | 473.9 | 474.3 | 474.6 | 474.9 | 474.7 |
| 162.5° | 478.2 | 478.0 | 478.1 | 478.2 | 478.3 | 478.3 | 478.7 | 479.2 | 479.7 | 480.1 | 480.0 |
| 165°   | 484.5 | 484.3 | 484.4 | 484.5 | 484.5 | 484.6 | 485.1 | 485.7 | 486.2 | 486.7 | 486.6 |
| 167.5° | 489.2 | 488.9 | 489.0 | 489.1 | 489.2 | 489.3 | 489.9 | 490.5 | 491.1 | 491.6 | 491.6 |
| 170°   | 491.5 | 491.3 | 491.4 | 491.5 | 491.5 | 491.6 | 492.3 | 492.9 | 493.7 | 494.3 | 494.2 |
| 172.5° | 493.3 | 493.2 | 493.3 | 493.4 | 493.6 | 493.7 | 494.3 | 494.9 | 495.5 | 496.1 | 496.0 |
| 175°   | 495.6 | 495.4 | 495.5 | 495.5 | 495.6 | 495.7 | 496.4 | 497.0 | 497.7 | 498.3 | 498.3 |
| 177.5° | 496.8 | 496.7 | 496.8 | 496.8 | 496.9 | 497.0 | 497.4 | 497.9 | 498.3 | 498.8 | 498.8 |
| 180°   | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5°   | 950.3 | 952.7 | 950.6 | 953.4 | 950.6 | 952.7 | 950.3 | 952.4 | 955.4 | 953.4 | 958.1 |
| 5°     | 875.9 | 872.1 | 874.7 | 872.9 | 874.7 | 872.1 | 875.9 | 878.0 | 883.1 | 884.8 | 888.2 |
| 7.5°   | 807.1 | 803.5 | 799.4 | 797.4 | 799.4 | 803.5 | 807.1 | 808.5 | 812.8 | 819.1 | 823.9 |
| 10°    | 764.2 | 759.5 | 759.0 | 756.1 | 759.0 | 759.5 | 764.2 | 768.8 | 771.8 | 779.8 | 785.3 |
| 12.5°  | 732.6 | 728.3 | 723.5 | 722.3 | 723.5 | 728.3 | 732.6 | 736.6 | 737.5 | 746.7 | 750.4 |
| 15°    | 687.9 | 684.5 | 681.6 | 684.1 | 681.6 | 684.5 | 687.9 | 690.5 | 695.1 | 701.5 | 705.7 |
| 17.5°  | 650.8 | 648.0 | 647.4 | 644.3 | 647.4 | 648.0 | 650.8 | 652.2 | 659.8 | 664.0 | 671.2 |
| 20°    | 627.4 | 625.3 | 626.1 | 620.6 | 626.1 | 625.3 | 627.4 | 631.2 | 638.9 | 641.0 | 648.6 |
| 22.5°  | 608.8 | 604.6 | 604.1 | 603.0 | 604.1 | 604.6 | 608.8 | 612.2 | 613.8 | 620.3 | 625.6 |
| 25°    | 579.6 | 577.5 | 575.4 | 577.5 | 575.4 | 577.5 | 579.6 | 583.3 | 585.1 | 589.7 | 594.8 |
| 27.5°  | 554.1 | 551.5 | 551.0 | 551.2 | 551.0 | 551.5 | 554.1 | 553.8 | 558.3 | 562.1 | 565.7 |
| 30°    | 538.5 | 534.3 | 534.7 | 534.3 | 534.7 | 534.3 | 538.5 | 538.5 | 541.0 | 544.5 | 547.8 |
| 32.5°  | 521.5 | 518.7 | 518.1 | 517.3 | 518.1 | 518.7 | 521.5 | 520.9 | 524.1 | 528.2 | 531.9 |
| 35°    | 496.6 | 496.6 | 494.5 | 494.5 | 494.5 | 496.6 | 496.6 | 497.8 | 501.2 | 501.2 | 505.5 |
| 37.5°  | 473.1 | 472.7 | 471.4 | 471.7 | 471.4 | 472.7 | 473.1 | 474.2 | 475.3 | 477.1 | 479.8 |
| 40°    | 455.5 | 455.1 | 453.8 | 451.3 | 453.8 | 455.1 | 455.5 | 457.2 | 458.0 | 460.2 | 461.9 |
| 42.5°  | 438.5 | 437.2 | 436.6 | 435.7 | 436.6 | 437.2 | 438.5 | 439.6 | 440.1 | 442.9 | 446.3 |
| 45°    | 411.9 | 411.9 | 411.1 | 410.7 | 411.1 | 411.9 | 411.9 | 411.9 | 412.4 | 415.7 | 417.4 |
| 47.5°  | 386.0 | 386.8 | 388.4 | 388.2 | 388.4 | 386.8 | 386.0 | 385.3 | 385.5 | 387.2 | 389.1 |
| 50°    | 370.4 | 370.9 | 372.1 | 372.5 | 372.1 | 370.9 | 370.4 | 368.8 | 367.9 | 367.9 | 369.2 |
| 52.5°  | 353.2 | 355.6 | 357.2 | 356.9 | 357.2 | 355.6 | 353.2 | 351.8 | 350.3 | 348.2 | 350.2 |
| 55°    | 329.0 | 331.9 | 334.8 | 335.3 | 334.8 | 331.9 | 329.0 | 325.1 | 323.4 | 320.1 | 321.3 |
| 57.5°  | 305.0 | 309.2 | 312.3 | 313.2 | 312.3 | 309.2 | 305.0 | 300.4 | 294.9 | 293.3 | 290.9 |
| 60°    | 288.7 | 294.2 | 298.1 | 299.7 | 298.1 | 294.2 | 288.7 | 284.5 | 277.3 | 272.6 | 270.9 |
| 62.5°  | 273.1 | 279.3 | 283.2 | 283.5 | 283.2 | 279.3 | 273.1 | 266.5 | 259.3 | 254.0 | 250.6 |
| 65°    | 247.7 | 254.0 | 257.4 | 259.9 | 257.4 | 254.0 | 247.7 | 240.4 | 232.4 | 225.2 | 221.4 |
| 67.5°  | 220.2 | 226.6 | 230.3 | 232.4 | 230.3 | 226.6 | 220.2 | 211.3 | 204.0 | 195.7 | 191.2 |
| 70°    | 200.2 | 206.6 | 211.7 | 213.4 | 211.7 | 206.6 | 200.2 | 189.6 | 183.3 | 175.7 | 171.9 |
| 72.5°  | 180.6 | 186.3 | 190.4 | 192.3 | 190.4 | 186.3 | 180.6 | 170.7 | 163.3 | 155.7 | 150.5 |
| 75°    | 146.5 | 154.1 | 157.9 | 160.0 | 157.9 | 154.1 | 146.5 | 141.0 | 132.5 | 124.5 | 120.3 |
| 77.5°  | 112.9 | 119.9 | 122.2 | 123.3 | 122.2 | 119.9 | 112.9 | 106.5 | 100.1 | 94.2  | 90.1  |
| 80°    | 90.6  | 94.8  | 97.8  | 98.2  | 97.8  | 94.8  | 90.6  | 85.5  | 80.5  | 74.9  | 71.1  |
| 82.5°  | 69.6  | 73.1  | 74.1  | 75.2  | 74.1  | 73.1  | 69.6  | 65.2  | 60.8  | 56.7  | 53.5  |
| 85°    | 38.1  | 39.8  | 40.2  | 39.8  | 40.2  | 39.8  | 38.1  | 35.1  | 33.0  | 30.9  | 29.6  |
| 87.5°  | 14.2  | 13.9  | 13.9  | 14.7  | 13.9  | 13.9  | 14.2  | 13.5  | 13.7  | 13.0  | 12.1  |
| 90°    | 8.2   | 8.4   | 8.6   | 8.9   | 8.6   | 8.4   | 8.2   | 7.9   | 7.5   | 7.1   | 6.7   |
| 92.5°  | 7.9   | 8.1   | 8.2   | 8.2   | 8.2   | 8.1   | 7.9   | 7.8   | 7.5   | 7.1   | 6.7   |
| 95°    | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.5   | 7.1   | 6.7   |
| 97.5°  | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 7.7   | 8.9   | 11.3  | 13.5  |
| 100°   | 8.7   | 8.4   | 8.1   | 7.7   | 8.1   | 8.4   | 8.7   | 9.0   | 15.3  | 27.6  | 39.8  |
| 102.5° | 63.1  | 57.6  | 51.9  | 46.4  | 51.9  | 57.6  | 63.1  | 68.7  | 72.6  | 74.9  | 77.3  |
| 105°   | 109.8 | 109.7 | 109.7 | 109.6 | 109.7 | 109.7 | 109.8 | 109.9 | 109.9 | 109.9 | 109.9 |
| 107.5° | 138.8 | 138.6 | 138.4 | 138.1 | 138.4 | 138.6 | 138.8 | 139.1 | 139.2 | 139.2 | 139.2 |
| 110°   | 157.6 | 157.7 | 157.8 | 157.8 | 157.8 | 157.7 | 157.6 | 157.5 | 157.6 | 157.8 | 158.1 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 165°  | 170°  | 175°  | 180°  | 185°  | 190°  | 195°  | 200°  | 205°  | 210°  | 215°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 175.9 | 175.8 | 175.7 | 175.5 | 175.7 | 175.8 | 175.9 | 176.0 | 176.3 | 176.5 | 176.8 |
| 115°   | 203.6 | 203.1 | 202.6 | 202.1 | 202.6 | 203.1 | 203.6 | 204.1 | 204.5 | 204.8 | 205.1 |
| 117.5° | 231.1 | 230.9 | 230.6 | 230.5 | 230.6 | 230.9 | 231.1 | 231.3 | 231.6 | 232.0 | 232.4 |
| 120°   | 249.1 | 248.7 | 248.3 | 247.9 | 248.3 | 248.7 | 249.1 | 249.5 | 249.8 | 250.0 | 250.1 |
| 122.5° | 265.8 | 265.3 | 264.9 | 264.4 | 264.9 | 265.3 | 265.8 | 266.3 | 266.6 | 266.8 | 266.9 |
| 125°   | 290.2 | 290.0 | 289.8 | 289.5 | 289.8 | 290.0 | 290.2 | 290.5 | 290.8 | 291.1 | 291.5 |
| 127.5° | 312.5 | 311.9 | 311.3 | 310.7 | 311.3 | 311.9 | 312.5 | 313.2 | 313.6 | 313.7 | 313.9 |
| 130°   | 327.3 | 326.9 | 326.4 | 326.0 | 326.4 | 326.9 | 327.3 | 327.7 | 328.0 | 328.2 | 328.5 |
| 132.5° | 341.4 | 341.0 | 340.6 | 340.2 | 340.6 | 341.0 | 341.4 | 341.9 | 342.1 | 342.1 | 342.2 |
| 135°   | 361.1 | 360.6 | 360.1 | 359.6 | 360.1 | 360.6 | 361.1 | 361.6 | 361.9 | 362.1 | 362.2 |
| 137.5° | 380.3 | 379.9 | 379.5 | 379.1 | 379.5 | 379.9 | 380.3 | 380.8 | 381.0 | 381.0 | 380.9 |
| 140°   | 392.1 | 391.6 | 391.1 | 390.6 | 391.1 | 391.6 | 392.1 | 392.6 | 392.7 | 392.6 | 392.4 |
| 142.5° | 403.0 | 402.5 | 402.0 | 401.5 | 402.0 | 402.5 | 403.0 | 403.5 | 403.7 | 403.7 | 403.7 |
| 145°   | 419.0 | 418.5 | 418.0 | 417.5 | 418.0 | 418.5 | 419.0 | 419.5 | 419.7 | 419.6 | 419.6 |
| 147.5° | 432.5 | 431.9 | 431.3 | 430.7 | 431.3 | 431.9 | 432.5 | 433.1 | 433.3 | 433.3 | 433.2 |
| 150°   | 441.2 | 440.6 | 439.9 | 439.3 | 439.9 | 440.6 | 441.2 | 441.9 | 442.1 | 442.0 | 441.8 |
| 152.5° | 449.0 | 448.4 | 447.8 | 447.3 | 447.8 | 448.4 | 449.0 | 449.6 | 449.8 | 449.6 | 449.5 |
| 155°   | 459.7 | 459.0 | 458.4 | 457.7 | 458.4 | 459.0 | 459.7 | 460.3 | 460.6 | 460.3 | 460.1 |
| 157.5° | 468.5 | 467.8 | 467.2 | 466.5 | 467.2 | 467.8 | 468.5 | 469.1 | 469.3 | 469.0 | 468.8 |
| 160°   | 474.1 | 473.4 | 472.8 | 472.1 | 472.8 | 473.4 | 474.1 | 474.7 | 474.9 | 474.6 | 474.3 |
| 162.5° | 479.3 | 478.6 | 477.8 | 477.1 | 477.8 | 478.6 | 479.3 | 480.0 | 480.1 | 479.7 | 479.2 |
| 165°   | 485.9 | 485.2 | 484.5 | 483.9 | 484.5 | 485.2 | 485.9 | 486.6 | 486.7 | 486.2 | 485.7 |
| 167.5° | 490.8 | 490.1 | 489.3 | 488.6 | 489.3 | 490.1 | 490.8 | 491.6 | 491.6 | 491.1 | 490.5 |
| 170°   | 493.5 | 492.8 | 492.0 | 491.3 | 492.0 | 492.8 | 493.5 | 494.2 | 494.3 | 493.7 | 492.9 |
| 172.5° | 495.3 | 494.6 | 493.8 | 493.1 | 493.8 | 494.6 | 495.3 | 496.0 | 496.1 | 495.5 | 494.9 |
| 175°   | 497.6 | 496.8 | 496.1 | 495.4 | 496.1 | 496.8 | 497.6 | 498.3 | 498.3 | 497.7 | 497.0 |
| 177.5° | 498.2 | 497.7 | 497.2 | 496.7 | 497.2 | 497.7 | 498.2 | 498.8 | 498.8 | 498.3 | 497.9 |
| 180°   | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0°     | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 | 997.4 |
| 2.5°   | 953.7 | 957.8 | 962.9 | 966.6 | 973.4 | 976.4 | 980.2 | 983.2 | 988.6 | 993.7 | 999.8 |
| 5°     | 889.5 | 896.7 | 906.4 | 917.0 | 929.3 | 937.8 | 949.6 | 956.8 | 971.2 | 984.3 | 996.9 |
| 7.5°   | 831.2 | 840.0 | 853.8 | 867.4 | 883.5 | 898.0 | 912.8 | 929.3 | 947.6 | 969.3 | 987.2 |
| 10°    | 791.2 | 803.1 | 817.9 | 834.9 | 854.4 | 871.2 | 891.1 | 908.9 | 931.4 | 956.8 | 980.5 |
| 12.5°  | 759.4 | 769.6 | 786.1 | 802.3 | 823.1 | 843.8 | 864.4 | 887.9 | 914.1 | 942.2 | 972.0 |
| 15°    | 715.4 | 723.9 | 737.4 | 759.9 | 781.1 | 801.4 | 832.3 | 854.4 | 887.4 | 918.7 | 954.6 |
| 17.5°  | 677.9 | 688.4 | 699.9 | 719.1 | 741.0 | 766.5 | 794.0 | 821.7 | 853.5 | 893.2 | 933.8 |
| 20°    | 654.9 | 663.4 | 676.5 | 691.3 | 714.6 | 740.0 | 766.3 | 794.2 | 833.2 | 874.2 | 917.8 |
| 22.5°  | 629.8 | 639.0 | 653.8 | 670.0 | 689.6 | 714.0 | 742.9 | 773.6 | 814.2 | 854.6 | 901.9 |
| 25°    | 600.3 | 606.7 | 620.2 | 634.6 | 654.1 | 674.8 | 704.9 | 738.7 | 778.9 | 825.1 | 873.3 |
| 27.5°  | 572.4 | 578.0 | 590.4 | 602.9 | 620.5 | 645.1 | 672.1 | 706.2 | 744.1 | 790.9 | 844.4 |
| 30°    | 552.4 | 558.4 | 569.4 | 582.9 | 599.9 | 621.5 | 649.0 | 681.2 | 721.8 | 767.5 | 823.5 |
| 32.5°  | 535.2 | 540.5 | 548.8 | 562.3 | 578.9 | 599.8 | 625.3 | 658.1 | 698.8 | 745.2 | 800.1 |
| 35°    | 508.4 | 514.4 | 520.7 | 531.3 | 545.7 | 566.0 | 593.9 | 624.8 | 663.8 | 708.7 | 759.0 |
| 37.5°  | 481.8 | 488.3 | 494.0 | 503.4 | 516.6 | 534.5 | 558.6 | 590.8 | 626.1 | 669.3 | 717.6 |
| 40°    | 465.3 | 470.3 | 475.0 | 485.2 | 498.3 | 515.2 | 537.7 | 566.5 | 603.7 | 643.9 | 684.1 |
| 42.5°  | 448.7 | 453.4 | 457.4 | 466.2 | 478.3 | 494.6 | 516.0 | 544.0 | 578.6 | 616.1 | 651.6 |
| 45°    | 422.5 | 425.5 | 430.2 | 437.7 | 447.5 | 462.3 | 483.1 | 508.0 | 537.2 | 572.8 | 599.5 |
| 47.5°  | 394.2 | 398.8 | 402.7 | 409.4 | 417.4 | 431.9 | 451.8 | 473.0 | 499.5 | 525.9 | 544.8 |
| 50°    | 372.5 | 377.2 | 382.7 | 389.1 | 396.6 | 410.3 | 428.4 | 450.0 | 472.5 | 492.8 | 508.8 |
| 52.5°  | 352.2 | 356.5 | 362.4 | 368.4 | 377.7 | 389.2 | 404.7 | 424.0 | 446.1 | 460.6 | 474.0 |
| 55°    | 322.2 | 324.2 | 331.1 | 337.0 | 345.8 | 354.3 | 370.0 | 386.9 | 400.5 | 411.5 | 422.5 |
| 57.5°  | 291.5 | 294.3 | 298.2 | 303.5 | 312.3 | 322.3 | 333.3 | 348.2 | 356.2 | 361.9 | 370.4 |
| 60°    | 271.8 | 272.6 | 275.2 | 281.5 | 288.3 | 297.2 | 309.9 | 320.5 | 326.4 | 331.1 | 338.3 |
| 62.5°  | 250.1 | 250.3 | 254.5 | 259.2 | 264.2 | 273.9 | 284.1 | 292.7 | 297.6 | 299.9 | 306.8 |
| 65°    | 219.7 | 218.9 | 221.4 | 225.2 | 231.1 | 237.5 | 246.4 | 254.0 | 253.6 | 256.1 | 260.3 |
| 67.5°  | 188.7 | 187.8 | 187.8 | 191.4 | 196.2 | 201.9 | 208.1 | 212.5 | 212.5 | 215.9 | 218.0 |
| 70°    | 167.6 | 165.1 | 166.8 | 169.7 | 171.9 | 176.5 | 183.3 | 185.0 | 185.4 | 187.1 | 189.2 |
| 72.5°  | 145.9 | 145.1 | 146.5 | 147.7 | 149.2 | 152.9 | 158.6 | 159.6 | 159.7 | 160.7 | 164.2 |
| 75°    | 116.0 | 115.1 | 114.3 | 115.6 | 117.2 | 119.8 | 121.9 | 123.6 | 123.2 | 123.6 | 126.1 |
| 77.5°  | 87.0  | 84.5  | 84.1  | 84.9  | 85.3  | 86.7  | 88.9  | 88.8  | 89.3  | 89.2  | 92.0  |
| 80°    | 69.0  | 65.6  | 65.2  | 65.2  | 65.6  | 66.4  | 67.3  | 68.2  | 66.9  | 68.2  | 69.0  |
| 82.5°  | 50.7  | 48.7  | 48.6  | 48.3  | 48.3  | 48.5  | 49.0  | 49.6  | 49.2  | 49.9  | 50.4  |
| 85°    | 28.0  | 27.1  | 25.8  | 26.7  | 26.3  | 24.9  | 25.8  | 24.5  | 24.1  | 24.5  | 24.9  |
| 87.5°  | 10.8  | 11.0  | 10.2  | 10.1  | 9.6   | 9.9   | 9.0   | 8.6   | 8.2   | 8.3   | 9.2   |
| 90°    | 6.3   | 5.9   | 5.3   | 4.7   | 4.2   | 3.6   | 3.0   | 2.4   | 1.7   | 1.1   | 0.4   |
| 92.5°  | 6.3   | 5.9   | 5.4   | 4.9   | 4.4   | 3.8   | 3.8   | 4.3   | 4.7   | 5.2   | 5.7   |
| 95°    | 6.3   | 5.9   | 9.0   | 12.1  | 15.2  | 18.3  | 20.1  | 20.3  | 20.5  | 20.8  | 21.0  |
| 97.5°  | 15.8  | 18.2  | 24.3  | 30.5  | 36.6  | 42.8  | 45.7  | 45.2  | 44.8  | 44.4  | 43.9  |
| 100°   | 51.9  | 64.2  | 63.8  | 63.5  | 63.2  | 62.9  | 62.6  | 62.4  | 62.1  | 61.9  | 61.6  |
| 102.5° | 79.6  | 81.9  | 81.7  | 81.4  | 81.3  | 81.1  | 80.9  | 80.6  | 80.2  | 79.9  | 79.6  |
| 105°   | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.9 | 109.7 | 109.4 | 109.1 | 108.8 | 108.4 |
| 107.5° | 139.2 | 139.1 | 138.9 | 138.8 | 138.6 | 138.4 | 138.4 | 138.4 | 138.4 | 138.4 | 138.4 |
| 110°   | 158.3 | 158.6 | 158.4 | 158.2 | 158.1 | 157.9 | 157.8 | 157.8 | 157.8 | 157.8 | 157.8 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 220°  | 225°  | 230°  | 235°  | 240°  | 245°  | 250°  | 255°  | 260°  | 265°  | 270°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 177.2 | 177.5 | 177.4 | 177.3 | 177.2 | 177.1 | 176.9 | 176.8 | 176.5 | 176.3 | 176.2 |
| 115°   | 205.5 | 205.8 | 205.7 | 205.6 | 205.5 | 205.5 | 205.2 | 204.8 | 204.4 | 204.0 | 203.6 |
| 117.5° | 232.9 | 233.3 | 233.0 | 232.7 | 232.4 | 232.1 | 232.0 | 232.0 | 232.0 | 232.0 | 232.0 |
| 120°   | 250.3 | 250.5 | 250.2 | 250.0 | 249.7 | 249.5 | 249.4 | 249.5 | 249.6 | 249.6 | 249.7 |
| 122.5° | 267.1 | 267.3 | 267.2 | 267.0 | 266.9 | 266.8 | 266.6 | 266.3 | 266.0 | 265.6 | 265.4 |
| 125°   | 291.8 | 292.1 | 292.1 | 292.1 | 292.1 | 292.1 | 291.8 | 291.2 | 290.7 | 290.1 | 289.5 |
| 127.5° | 314.1 | 314.2 | 314.3 | 314.4 | 314.4 | 314.5 | 314.3 | 313.9 | 313.5 | 313.1 | 312.6 |
| 130°   | 328.7 | 329.0 | 328.9 | 328.8 | 328.7 | 328.6 | 328.4 | 328.0 | 327.6 | 327.2 | 326.8 |
| 132.5° | 342.3 | 342.3 | 342.4 | 342.7 | 342.8 | 343.0 | 342.8 | 342.3 | 341.9 | 341.4 | 341.0 |
| 135°   | 362.4 | 362.6 | 362.7 | 362.9 | 363.1 | 363.2 | 363.1 | 362.6 | 362.1 | 361.6 | 361.1 |
| 137.5° | 380.9 | 380.8 | 381.0 | 381.2 | 381.3 | 381.5 | 381.3 | 380.9 | 380.4 | 380.0 | 379.6 |
| 140°   | 392.2 | 392.1 | 392.2 | 392.2 | 392.3 | 392.4 | 392.3 | 392.2 | 392.0 | 391.8 | 391.7 |
| 142.5° | 403.6 | 403.6 | 403.5 | 403.3 | 403.2 | 403.1 | 403.0 | 402.9 | 402.8 | 402.8 | 402.6 |
| 145°   | 419.5 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 419.3 | 419.1 | 419.0 | 418.8 | 418.7 |
| 147.5° | 433.0 | 432.9 | 432.8 | 432.8 | 432.7 | 432.5 | 432.5 | 432.5 | 432.6 | 432.6 | 432.7 |
| 150°   | 441.6 | 441.5 | 441.3 | 441.2 | 441.0 | 440.8 | 440.8 | 441.0 | 441.2 | 441.3 | 441.5 |
| 152.5° | 449.3 | 449.1 | 449.0 | 448.8 | 448.7 | 448.5 | 448.6 | 449.0 | 449.3 | 449.7 | 450.0 |
| 155°   | 459.8 | 459.6 | 459.4 | 459.3 | 459.1 | 458.9 | 459.1 | 459.6 | 460.1 | 460.6 | 461.1 |
| 157.5° | 468.6 | 468.3 | 468.2 | 468.2 | 468.2 | 468.2 | 468.3 | 468.6 | 469.0 | 469.2 | 469.5 |
| 160°   | 473.9 | 473.6 | 473.5 | 473.4 | 473.4 | 473.3 | 473.4 | 473.9 | 474.4 | 474.9 | 475.4 |
| 162.5° | 478.7 | 478.3 | 478.3 | 478.2 | 478.1 | 478.0 | 478.2 | 478.7 | 479.2 | 479.6 | 480.1 |
| 165°   | 485.1 | 484.6 | 484.5 | 484.5 | 484.4 | 484.3 | 484.5 | 485.0 | 485.5 | 486.0 | 486.5 |
| 167.5° | 489.9 | 489.3 | 489.2 | 489.1 | 489.0 | 488.9 | 489.2 | 489.7 | 490.2 | 490.7 | 491.2 |
| 170°   | 492.3 | 491.6 | 491.5 | 491.5 | 491.4 | 491.3 | 491.5 | 492.1 | 492.7 | 493.3 | 493.9 |
| 172.5° | 494.3 | 493.7 | 493.6 | 493.4 | 493.3 | 493.2 | 493.3 | 493.9 | 494.5 | 495.0 | 495.6 |
| 175°   | 496.4 | 495.7 | 495.6 | 495.5 | 495.5 | 495.4 | 495.6 | 496.1 | 496.6 | 497.1 | 497.6 |
| 177.5° | 497.4 | 497.0 | 496.9 | 496.8 | 496.8 | 496.7 | 496.8 | 497.3 | 497.7 | 498.1 | 498.5 |
| 180°   | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°   | 280°   | 285°   | 290°   | 295°   | 300°   | 305°   | 310°   | 315°   | 320°   | 325°   |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  |
| 2.5°   | 1002.8 | 1007.5 | 1010.6 | 1016.4 | 1021.1 | 1023.9 | 1026.2 | 1028.3 | 1030.6 | 1032.7 | 1038.4 |
| 5°     | 1009.3 | 1020.3 | 1029.6 | 1044.0 | 1057.1 | 1067.2 | 1078.2 | 1088.0 | 1096.1 | 1107.5 | 1116.4 |
| 7.5°   | 1006.5 | 1026.1 | 1046.5 | 1068.8 | 1091.5 | 1112.7 | 1132.2 | 1150.4 | 1166.9 | 1186.9 | 1204.4 |
| 10°    | 1003.8 | 1030.5 | 1056.7 | 1086.7 | 1117.6 | 1143.9 | 1168.4 | 1193.4 | 1211.6 | 1237.1 | 1258.6 |
| 12.5°  | 1001.8 | 1033.1 | 1064.8 | 1101.0 | 1134.9 | 1172.0 | 1204.7 | 1222.9 | 1250.6 | 1270.9 | 1296.6 |
| 15°    | 993.2  | 1034.7 | 1078.2 | 1118.9 | 1167.2 | 1201.4 | 1230.3 | 1265.8 | 1291.6 | 1317.4 | 1345.4 |
| 17.5°  | 977.9  | 1024.8 | 1073.6 | 1126.9 | 1173.2 | 1210.0 | 1247.1 | 1281.4 | 1312.2 | 1346.9 | 1381.6 |
| 20°    | 970.8  | 1017.7 | 1073.6 | 1128.2 | 1173.5 | 1212.0 | 1250.2 | 1287.8 | 1321.7 | 1366.1 | 1406.4 |
| 22.5°  | 955.9  | 1012.7 | 1064.1 | 1117.4 | 1164.0 | 1206.0 | 1249.1 | 1291.9 | 1336.9 | 1387.2 | 1437.5 |
| 25°    | 929.3  | 986.8  | 1041.5 | 1094.0 | 1140.9 | 1193.4 | 1239.6 | 1296.7 | 1354.3 | 1420.7 | 1483.4 |
| 27.5°  | 901.6  | 956.8  | 1006.8 | 1057.5 | 1112.3 | 1171.7 | 1231.6 | 1296.5 | 1371.8 | 1455.7 | 1544.1 |
| 30°    | 879.3  | 931.4  | 980.1  | 1032.1 | 1089.2 | 1156.2 | 1221.8 | 1298.9 | 1386.0 | 1480.4 | 1585.4 |
| 32.5°  | 853.2  | 901.2  | 948.5  | 1003.7 | 1065.9 | 1136.5 | 1213.0 | 1297.5 | 1402.3 | 1509.6 | 1617.6 |
| 35°    | 808.6  | 848.8  | 897.5  | 956.3  | 1026.6 | 1107.5 | 1196.0 | 1295.8 | 1416.1 | 1539.3 | 1630.4 |
| 37.5°  | 755.7  | 793.1  | 844.4  | 908.9  | 982.6  | 1069.3 | 1174.4 | 1292.9 | 1420.6 | 1518.8 | 1548.2 |
| 40°    | 720.2  | 754.8  | 808.2  | 875.1  | 950.4  | 1042.3 | 1157.4 | 1282.7 | 1406.4 | 1469.0 | 1444.9 |
| 42.5°  | 682.2  | 718.6  | 770.5  | 836.8  | 917.9  | 1017.9 | 1136.1 | 1261.4 | 1365.1 | 1388.8 | 1305.4 |
| 45°    | 622.3  | 660.0  | 711.2  | 778.1  | 865.4  | 973.7  | 1096.9 | 1210.8 | 1270.5 | 1227.7 | 1098.6 |
| 47.5°  | 566.7  | 602.0  | 649.5  | 718.5  | 808.5  | 920.6  | 1039.3 | 1130.1 | 1134.8 | 1032.8 | 894.9  |
| 50°    | 528.8  | 561.3  | 609.2  | 678.2  | 767.5  | 881.0  | 988.1  | 1059.6 | 1027.4 | 911.9  | 779.3  |
| 52.5°  | 491.5  | 523.4  | 570.6  | 639.0  | 727.2  | 831.2  | 930.8  | 981.0  | 920.5  | 801.8  | 688.6  |
| 55°    | 437.7  | 465.7  | 511.8  | 574.9  | 658.8  | 755.3  | 839.9  | 857.3  | 778.5  | 661.7  | 569.8  |
| 57.5°  | 385.2  | 411.3  | 453.3  | 511.4  | 588.0  | 673.5  | 739.7  | 736.1  | 652.8  | 552.5  | 479.6  |
| 60°    | 349.7  | 375.1  | 412.4  | 469.0  | 538.9  | 612.6  | 669.3  | 655.7  | 573.2  | 486.8  | 425.5  |
| 62.5°  | 317.9  | 340.6  | 375.8  | 425.3  | 489.1  | 557.4  | 604.0  | 584.0  | 503.1  | 427.5  | 379.0  |
| 65°    | 270.9  | 290.0  | 320.1  | 362.4  | 415.3  | 471.7  | 507.6  | 481.8  | 412.8  | 353.9  | 315.0  |
| 67.5°  | 226.2  | 241.4  | 266.6  | 300.4  | 345.5  | 390.8  | 412.7  | 386.7  | 331.5  | 288.5  | 259.7  |
| 70°    | 197.7  | 211.2  | 230.7  | 260.8  | 300.2  | 338.3  | 354.7  | 331.5  | 284.1  | 247.2  | 226.5  |
| 72.5°  | 169.3  | 180.4  | 197.5  | 224.5  | 256.1  | 289.2  | 303.6  | 281.4  | 242.4  | 211.3  | 191.9  |
| 75°    | 130.9  | 138.4  | 150.3  | 168.9  | 193.9  | 220.1  | 228.2  | 208.7  | 183.8  | 160.5  | 147.7  |
| 77.5°  | 93.7   | 100.1  | 109.1  | 120.8  | 138.5  | 155.2  | 162.2  | 151.0  | 131.7  | 116.9  | 106.5  |
| 80°    | 72.0   | 75.3   | 83.0   | 92.7   | 106.7  | 117.2  | 121.9  | 114.7  | 101.2  | 90.2   | 82.1   |
| 82.5°  | 51.3   | 54.7   | 59.3   | 67.3   | 76.2   | 83.4   | 88.4   | 83.6   | 73.8   | 65.1   | 60.4   |
| 85°    | 24.9   | 27.1   | 29.6   | 33.0   | 39.8   | 44.0   | 43.6   | 40.6   | 36.9   | 33.4   | 30.9   |
| 87.5°  | 9.0    | 9.5    | 10.6   | 12.5   | 13.6   | 15.1   | 15.8   | 15.3   | 14.0   | 13.1   | 12.1   |
| 90°    | 1.1    | 1.7    | 2.4    | 3.0    | 3.6    | 4.2    | 4.7    | 5.3    | 5.9    | 6.3    | 6.7    |
| 92.5°  | 5.2    | 4.7    | 4.3    | 3.8    | 3.8    | 4.4    | 4.9    | 5.4    | 5.9    | 6.3    | 6.7    |
| 95°    | 20.8   | 20.5   | 20.3   | 20.1   | 18.3   | 15.2   | 12.1   | 9.0    | 5.9    | 6.3    | 6.7    |
| 97.5°  | 44.4   | 44.8   | 45.2   | 45.7   | 42.8   | 36.6   | 30.5   | 24.3   | 18.2   | 15.8   | 13.5   |
| 100°   | 61.9   | 62.1   | 62.4   | 62.6   | 62.9   | 63.2   | 63.5   | 63.8   | 64.2   | 51.9   | 39.8   |
| 102.5° | 79.9   | 80.2   | 80.6   | 80.9   | 81.1   | 81.3   | 81.4   | 81.7   | 81.9   | 79.6   | 77.3   |
| 105°   | 108.8  | 109.1  | 109.4  | 109.7  | 109.9  | 109.9  | 109.9  | 109.9  | 109.9  | 109.9  | 109.9  |
| 107.5° | 138.4  | 138.4  | 138.4  | 138.4  | 138.4  | 138.6  | 138.8  | 138.9  | 139.1  | 139.2  | 139.2  |
| 110°   | 157.8  | 157.8  | 157.8  | 157.8  | 157.9  | 158.1  | 158.2  | 158.4  | 158.6  | 158.3  | 158.1  |





TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 275°  | 280°  | 285°  | 290°  | 295°  | 300°  | 305°  | 310°  | 315°  | 320°  | 325°  |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 176.3 | 176.5 | 176.8 | 176.9 | 177.1 | 177.2 | 177.3 | 177.4 | 177.5 | 177.2 | 176.8 |
| 115°   | 204.0 | 204.4 | 204.8 | 205.2 | 205.5 | 205.5 | 205.6 | 205.7 | 205.8 | 205.5 | 205.1 |
| 117.5° | 232.0 | 232.0 | 232.0 | 232.0 | 232.1 | 232.4 | 232.7 | 233.0 | 233.3 | 232.9 | 232.4 |
| 120°   | 249.6 | 249.6 | 249.5 | 249.4 | 249.5 | 249.7 | 250.0 | 250.2 | 250.5 | 250.3 | 250.1 |
| 122.5° | 265.6 | 266.0 | 266.3 | 266.6 | 266.8 | 266.9 | 267.0 | 267.2 | 267.3 | 267.1 | 266.9 |
| 125°   | 290.1 | 290.7 | 291.2 | 291.8 | 292.1 | 292.1 | 292.1 | 292.1 | 292.1 | 291.8 | 291.5 |
| 127.5° | 313.1 | 313.5 | 313.9 | 314.3 | 314.5 | 314.4 | 314.4 | 314.3 | 314.2 | 314.1 | 313.9 |
| 130°   | 327.2 | 327.6 | 328.0 | 328.4 | 328.6 | 328.7 | 328.8 | 328.9 | 329.0 | 328.7 | 328.5 |
| 132.5° | 341.4 | 341.9 | 342.3 | 342.8 | 343.0 | 342.8 | 342.7 | 342.4 | 342.3 | 342.3 | 342.2 |
| 135°   | 361.6 | 362.1 | 362.6 | 363.1 | 363.2 | 363.1 | 362.9 | 362.7 | 362.6 | 362.4 | 362.2 |
| 137.5° | 380.0 | 380.4 | 380.9 | 381.3 | 381.5 | 381.3 | 381.2 | 381.0 | 380.8 | 380.9 | 380.9 |
| 140°   | 391.8 | 392.0 | 392.2 | 392.3 | 392.4 | 392.3 | 392.2 | 392.2 | 392.1 | 392.2 | 392.4 |
| 142.5° | 402.8 | 402.8 | 402.9 | 403.0 | 403.1 | 403.2 | 403.3 | 403.5 | 403.6 | 403.6 | 403.7 |
| 145°   | 418.8 | 419.0 | 419.1 | 419.3 | 419.4 | 419.4 | 419.4 | 419.4 | 419.4 | 419.5 | 419.6 |
| 147.5° | 432.6 | 432.6 | 432.5 | 432.5 | 432.5 | 432.7 | 432.8 | 432.8 | 432.9 | 433.0 | 433.2 |
| 150°   | 441.3 | 441.2 | 441.0 | 440.8 | 440.8 | 441.0 | 441.2 | 441.3 | 441.5 | 441.6 | 441.8 |
| 152.5° | 449.7 | 449.3 | 449.0 | 448.6 | 448.5 | 448.7 | 448.8 | 449.0 | 449.1 | 449.3 | 449.5 |
| 155°   | 460.6 | 460.1 | 459.6 | 459.1 | 458.9 | 459.1 | 459.3 | 459.4 | 459.6 | 459.8 | 460.1 |
| 157.5° | 469.2 | 469.0 | 468.6 | 468.3 | 468.2 | 468.2 | 468.2 | 468.2 | 468.3 | 468.6 | 468.8 |
| 160°   | 474.9 | 474.4 | 473.9 | 473.4 | 473.3 | 473.4 | 473.4 | 473.5 | 473.6 | 473.9 | 474.3 |
| 162.5° | 479.6 | 479.2 | 478.7 | 478.2 | 478.0 | 478.1 | 478.2 | 478.3 | 478.3 | 478.7 | 479.2 |
| 165°   | 486.0 | 485.5 | 485.0 | 484.5 | 484.3 | 484.4 | 484.5 | 484.5 | 484.6 | 485.1 | 485.7 |
| 167.5° | 490.7 | 490.2 | 489.7 | 489.2 | 488.9 | 489.0 | 489.1 | 489.2 | 489.3 | 489.9 | 490.5 |
| 170°   | 493.3 | 492.7 | 492.1 | 491.5 | 491.3 | 491.4 | 491.5 | 491.5 | 491.6 | 492.3 | 492.9 |
| 172.5° | 495.0 | 494.5 | 493.9 | 493.3 | 493.2 | 493.3 | 493.4 | 493.6 | 493.7 | 494.3 | 494.9 |
| 175°   | 497.1 | 496.6 | 496.1 | 495.6 | 495.4 | 495.5 | 495.5 | 495.6 | 495.7 | 496.4 | 497.0 |
| 177.5° | 498.1 | 497.7 | 497.3 | 496.8 | 496.7 | 496.8 | 496.8 | 496.9 | 497.0 | 497.4 | 497.9 |
| 180°   | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°   | 335°   | 340°   | 345°   | 350°   | 355°   | 360°   |
|--------|--------|--------|--------|--------|--------|--------|--------|
| 0°     | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  | 997.4  |
| 2.5°   | 1043.1 | 1045.9 | 1051.6 | 1049.5 | 1052.3 | 1053.6 | 1055.0 |
| 5°     | 1127.4 | 1140.9 | 1146.9 | 1146.0 | 1154.9 | 1152.8 | 1150.6 |
| 7.5°   | 1222.5 | 1236.8 | 1244.7 | 1254.7 | 1260.4 | 1260.8 | 1265.8 |
| 10°    | 1276.4 | 1295.0 | 1302.7 | 1313.2 | 1320.0 | 1323.8 | 1323.4 |
| 12.5°  | 1317.7 | 1332.3 | 1349.4 | 1354.5 | 1363.7 | 1368.5 | 1366.8 |
| 15°    | 1367.4 | 1390.7 | 1408.5 | 1417.4 | 1428.8 | 1432.2 | 1436.9 |
| 17.5°  | 1411.8 | 1443.0 | 1463.8 | 1491.3 | 1501.8 | 1508.1 | 1504.4 |
| 20°    | 1445.3 | 1486.4 | 1507.2 | 1540.2 | 1558.4 | 1568.1 | 1564.7 |
| 22.5°  | 1484.9 | 1529.4 | 1567.7 | 1596.4 | 1624.1 | 1637.2 | 1639.9 |
| 25°    | 1552.8 | 1613.8 | 1670.1 | 1707.8 | 1742.1 | 1750.1 | 1767.9 |
| 27.5°  | 1628.7 | 1700.6 | 1760.8 | 1800.4 | 1824.3 | 1833.3 | 1838.8 |
| 30°    | 1676.5 | 1748.0 | 1793.3 | 1818.7 | 1826.4 | 1825.5 | 1824.6 |
| 32.5°  | 1699.8 | 1744.7 | 1753.3 | 1746.2 | 1728.8 | 1714.1 | 1698.7 |
| 35°    | 1666.7 | 1633.3 | 1583.3 | 1519.0 | 1471.5 | 1423.8 | 1419.0 |
| 37.5°  | 1499.0 | 1392.0 | 1308.9 | 1216.0 | 1162.5 | 1129.4 | 1106.4 |
| 40°    | 1341.2 | 1219.7 | 1118.9 | 1040.6 | 985.9  | 964.4  | 943.2  |
| 42.5°  | 1169.8 | 1053.7 | 964.5  | 899.0  | 857.9  | 834.0  | 817.3  |
| 45°    | 950.4  | 848.0  | 778.1  | 730.7  | 698.1  | 679.5  | 668.9  |
| 47.5°  | 778.8  | 703.0  | 643.7  | 609.4  | 586.9  | 572.4  | 572.5  |
| 50°    | 686.6  | 614.2  | 574.9  | 547.8  | 528.3  | 516.9  | 519.0  |
| 52.5°  | 605.0  | 551.0  | 517.3  | 494.6  | 480.2  | 473.2  | 473.0  |
| 55°    | 505.9  | 466.9  | 444.9  | 428.4  | 418.7  | 410.7  | 412.4  |
| 57.5°  | 432.8  | 399.9  | 385.1  | 371.5  | 364.7  | 361.4  | 356.8  |
| 60°    | 387.3  | 362.0  | 349.3  | 338.3  | 331.5  | 329.0  | 324.2  |
| 62.5°  | 347.1  | 327.1  | 314.7  | 305.7  | 299.6  | 298.8  | 295.1  |
| 65°    | 291.7  | 276.5  | 265.5  | 261.2  | 254.9  | 253.2  | 253.2  |
| 67.5°  | 240.4  | 229.5  | 221.0  | 217.1  | 214.3  | 214.7  | 212.7  |
| 70°    | 208.3  | 199.4  | 193.9  | 189.6  | 187.5  | 187.9  | 186.3  |
| 72.5°  | 182.2  | 172.3  | 167.5  | 164.9  | 162.2  | 163.2  | 162.6  |
| 75°    | 138.0  | 132.9  | 130.4  | 127.8  | 126.1  | 125.3  | 124.5  |
| 77.5°  | 101.3  | 96.9   | 94.9   | 93.5   | 93.8   | 91.7   | 93.3   |
| 80°    | 78.4   | 74.5   | 73.2   | 71.1   | 70.7   | 70.7   | 70.3   |
| 82.5°  | 57.3   | 55.2   | 54.3   | 52.5   | 51.8   | 52.4   | 51.3   |
| 85°    | 29.6   | 28.0   | 27.6   | 27.6   | 26.7   | 25.8   | 28.0   |
| 87.5°  | 12.2   | 11.0   | 11.1   | 10.8   | 10.8   | 10.5   | 9.9    |
| 90°    | 7.1    | 7.5    | 7.9    | 8.2    | 8.4    | 8.6    | 8.9    |
| 92.5°  | 7.1    | 7.5    | 7.8    | 7.9    | 8.1    | 8.2    | 8.2    |
| 95°    | 7.1    | 7.5    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    |
| 97.5°  | 11.3   | 8.9    | 7.7    | 7.7    | 7.7    | 7.7    | 7.7    |
| 100°   | 27.6   | 15.3   | 9.0    | 8.7    | 8.4    | 8.1    | 7.7    |
| 102.5° | 74.9   | 72.6   | 68.7   | 63.1   | 57.6   | 51.9   | 46.4   |
| 105°   | 109.9  | 109.9  | 109.9  | 109.8  | 109.7  | 109.7  | 109.6  |
| 107.5° | 139.2  | 139.2  | 139.1  | 138.8  | 138.6  | 138.4  | 138.1  |
| 110°   | 157.8  | 157.6  | 157.5  | 157.6  | 157.7  | 157.8  | 157.8  |



TEST NUMBER: P333400-930

CATALOG NUMBER: S125DIW-S850D470U930-4F0-1E-UDD-A

**CANDELA DISTRIBUTION (continued):**

|        | 330°  | 335°  | 340°  | 345°  | 350°  | 355°  | 360°  |
|--------|-------|-------|-------|-------|-------|-------|-------|
| 112.5° | 176.5 | 176.3 | 176.0 | 175.9 | 175.8 | 175.7 | 175.5 |
| 115°   | 204.8 | 204.5 | 204.1 | 203.6 | 203.1 | 202.6 | 202.1 |
| 117.5° | 232.0 | 231.6 | 231.3 | 231.1 | 230.9 | 230.6 | 230.5 |
| 120°   | 250.0 | 249.8 | 249.5 | 249.1 | 248.7 | 248.3 | 247.9 |
| 122.5° | 266.8 | 266.6 | 266.3 | 265.8 | 265.3 | 264.9 | 264.4 |
| 125°   | 291.1 | 290.8 | 290.5 | 290.2 | 290.0 | 289.8 | 289.5 |
| 127.5° | 313.7 | 313.6 | 313.2 | 312.5 | 311.9 | 311.3 | 310.7 |
| 130°   | 328.2 | 328.0 | 327.7 | 327.3 | 326.9 | 326.4 | 326.0 |
| 132.5° | 342.1 | 342.1 | 341.9 | 341.4 | 341.0 | 340.6 | 340.2 |
| 135°   | 362.1 | 361.9 | 361.6 | 361.1 | 360.6 | 360.1 | 359.6 |
| 137.5° | 381.0 | 381.0 | 380.8 | 380.3 | 379.9 | 379.5 | 379.1 |
| 140°   | 392.6 | 392.7 | 392.6 | 392.1 | 391.6 | 391.1 | 390.6 |
| 142.5° | 403.7 | 403.7 | 403.5 | 403.0 | 402.5 | 402.0 | 401.5 |
| 145°   | 419.6 | 419.7 | 419.5 | 419.0 | 418.5 | 418.0 | 417.5 |
| 147.5° | 433.3 | 433.3 | 433.1 | 432.5 | 431.9 | 431.3 | 430.7 |
| 150°   | 442.0 | 442.1 | 441.9 | 441.2 | 440.6 | 439.9 | 439.3 |
| 152.5° | 449.6 | 449.8 | 449.6 | 449.0 | 448.4 | 447.8 | 447.3 |
| 155°   | 460.3 | 460.6 | 460.3 | 459.7 | 459.0 | 458.4 | 457.7 |
| 157.5° | 469.0 | 469.3 | 469.1 | 468.5 | 467.8 | 467.2 | 466.5 |
| 160°   | 474.6 | 474.9 | 474.7 | 474.1 | 473.4 | 472.8 | 472.1 |
| 162.5° | 479.7 | 480.1 | 480.0 | 479.3 | 478.6 | 477.8 | 477.1 |
| 165°   | 486.2 | 486.7 | 486.6 | 485.9 | 485.2 | 484.5 | 483.9 |
| 167.5° | 491.1 | 491.6 | 491.6 | 490.8 | 490.1 | 489.3 | 488.6 |
| 170°   | 493.7 | 494.3 | 494.2 | 493.5 | 492.8 | 492.0 | 491.3 |
| 172.5° | 495.5 | 496.1 | 496.0 | 495.3 | 494.6 | 493.8 | 493.1 |
| 175°   | 497.7 | 498.3 | 498.3 | 497.6 | 496.8 | 496.1 | 495.4 |
| 177.5° | 498.3 | 498.8 | 498.8 | 498.2 | 497.7 | 497.2 | 496.7 |
| 180°   | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 | 497.6 |

(END OF REPORT)